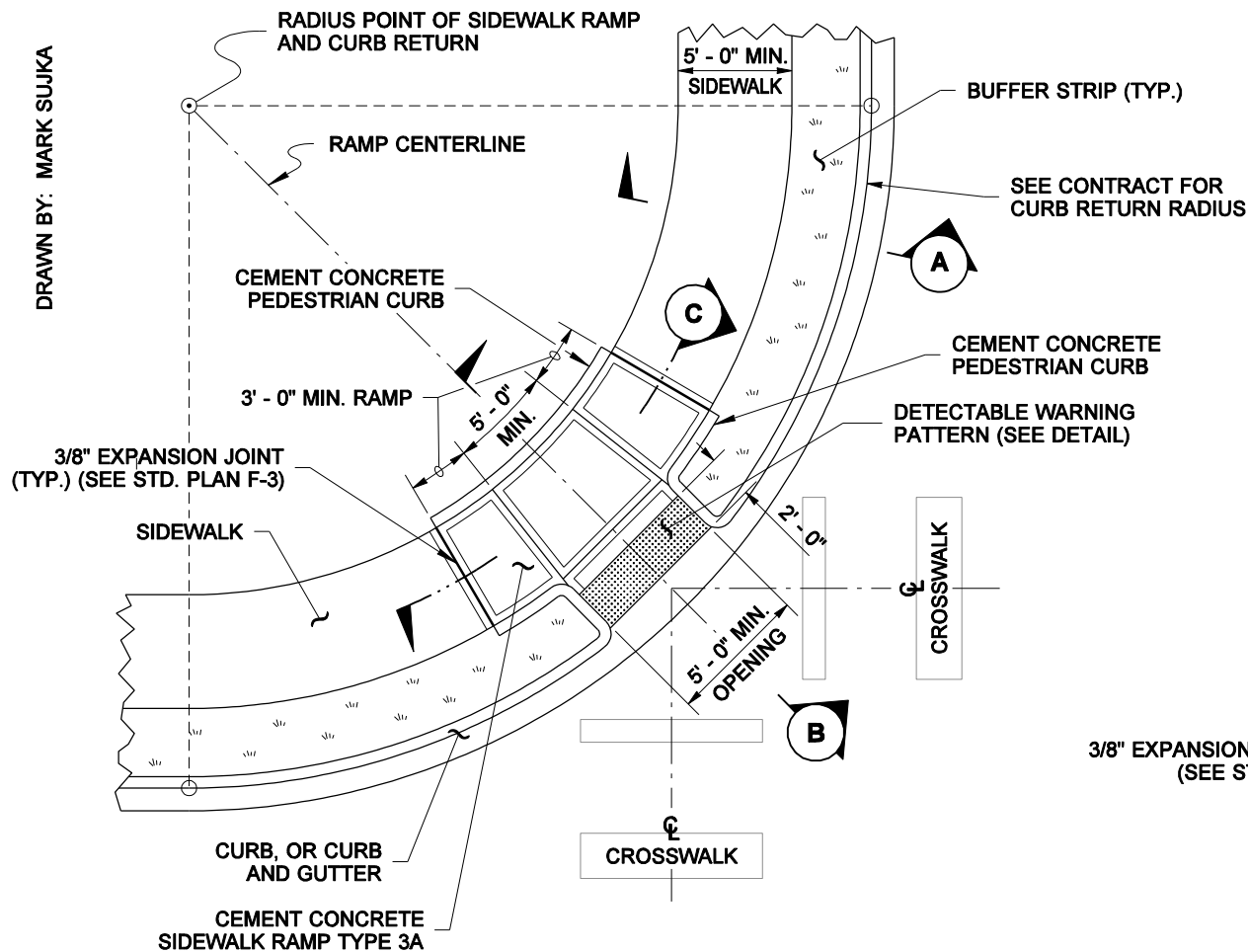
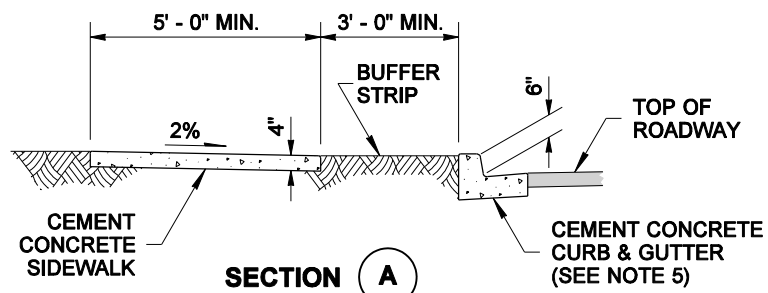


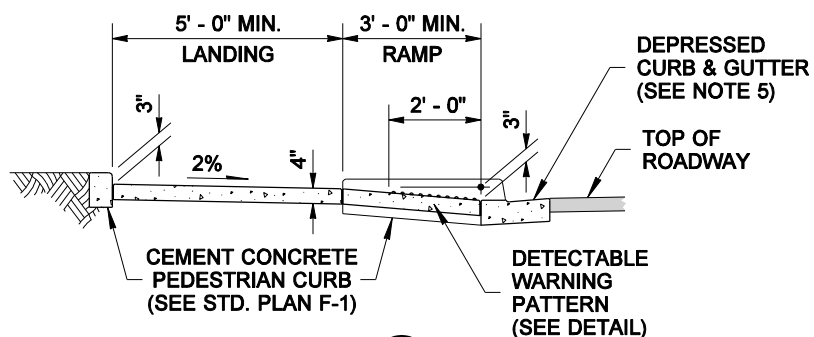
DRAWN BY: MARK SUJKA



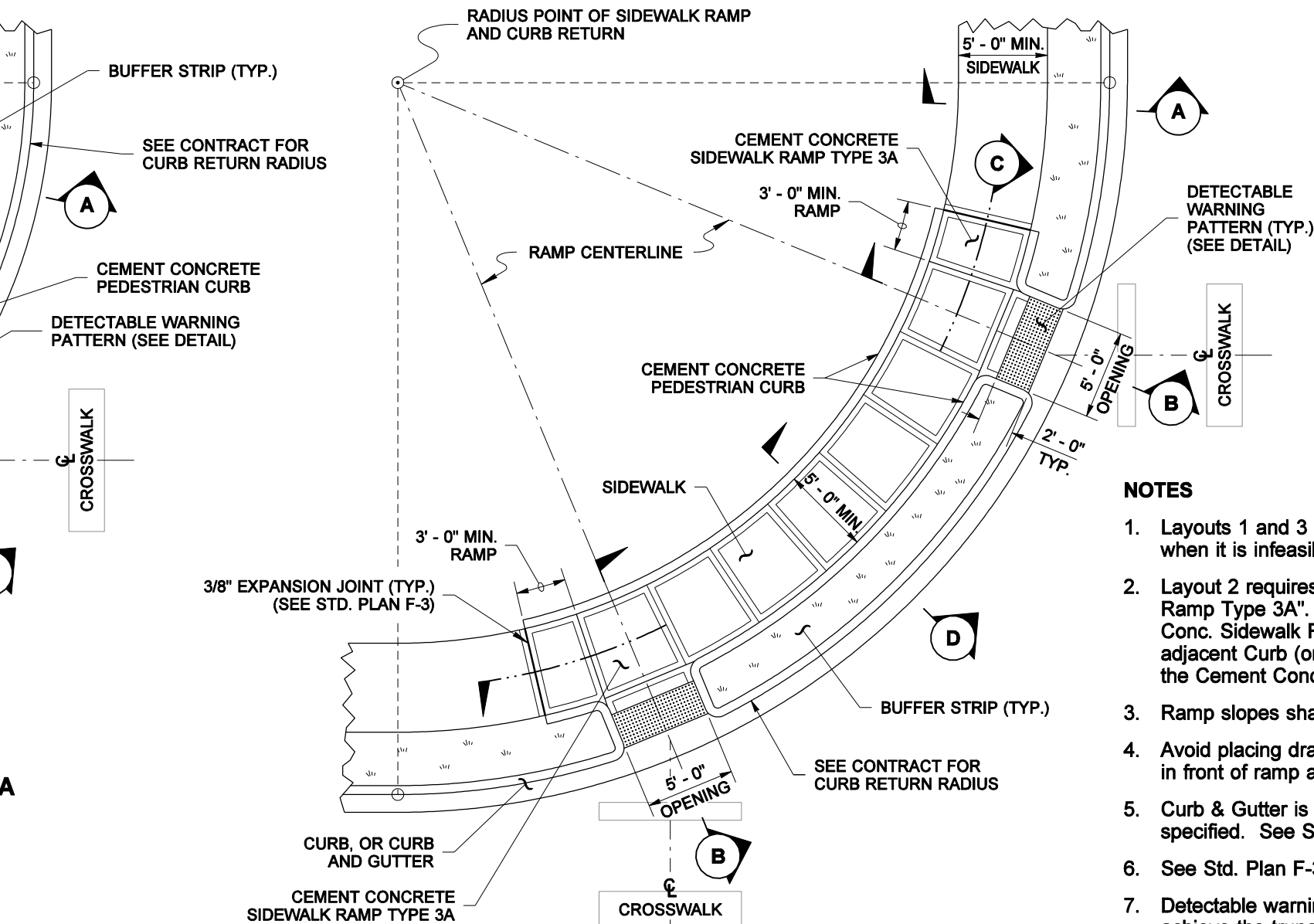
PLAN VIEW  
SIDEWALK RAMP TYPE 3A  
LAYOUT 1



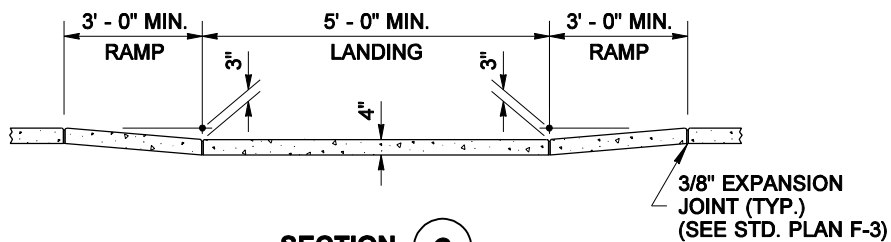
SECTION A



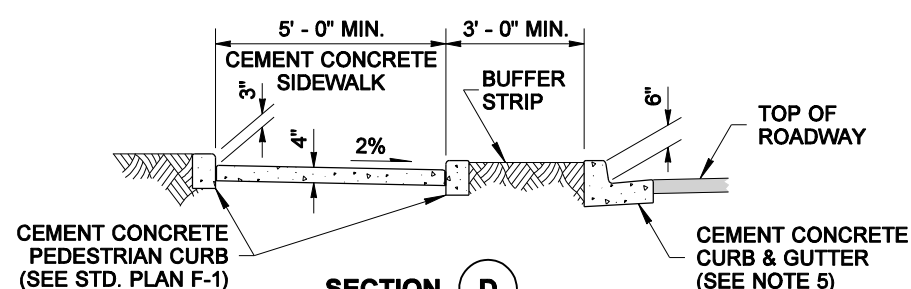
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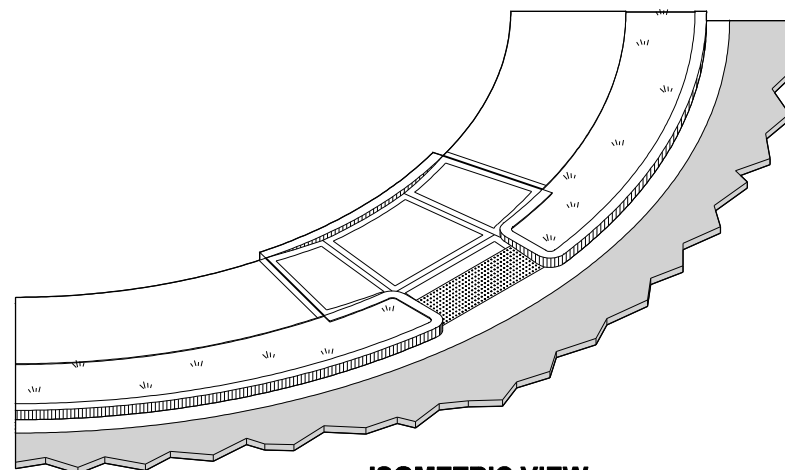
PLAN VIEW  
SIDEWALK RAMP TYPE 3A  
LAYOUT 2



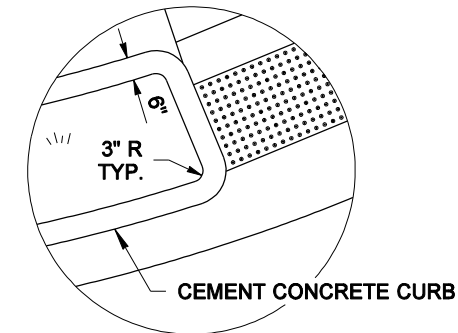
SECTION C



SECTION D



ISOMETRIC VIEW

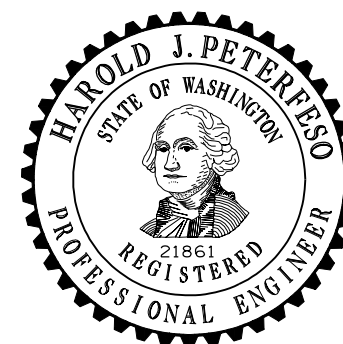


CURB RADIUS DETAIL

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#### NOTES

1. Layouts 1 and 3 are used to provide access to two crosswalks only when it is infeasible to provide a separate ramp for each crosswalk.
2. Layout 2 requires two (2) of this bid item: "Cement Conc. Sidewalk Ramp Type 3A". Layout 4 requires two (2) of this bid item: "Cement Conc. Sidewalk Ramp Type 3B". These bid items do not include the adjacent Curb (or Curb & Gutter), the Sidewalk between Ramps, or the Cement Conc. Pedestrian Curb.
3. Ramp slopes shall not be steeper than 12H:1V.
4. Avoid placing drainage structures, junction boxes or other obstructions in front of ramp access areas.
5. Curb & Gutter is shown, see the Contract Plans for the curb design specified. See Standard Plan F-1 for curb details.
6. See Std. Plan F-3 for sidewalk joint placement and details.
7. Detectable warning patterns may be created by any method that will achieve the truncated dome dimensions and spacing shown.



EXPIRES MAY 16, 2005

### SIDEWALK RAMP TYPES 3A & 3B WITH LAYOUTS STANDARD PLAN F-3c

SHEET 1 OF 2 SHEETS

APPROVED FOR PUBLICATION

Harold J. Peterfeso

02-09-05

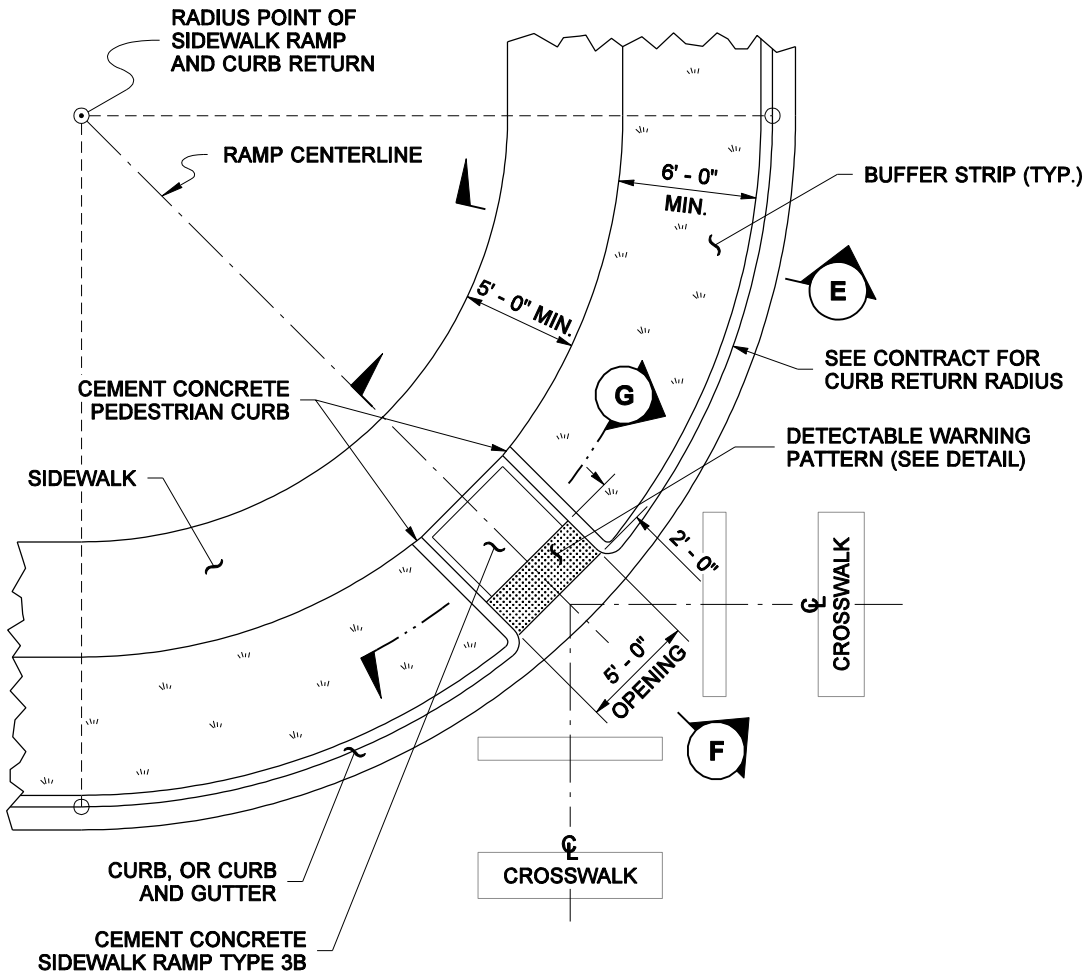
STATE DESIGN ENGINEER

DATE

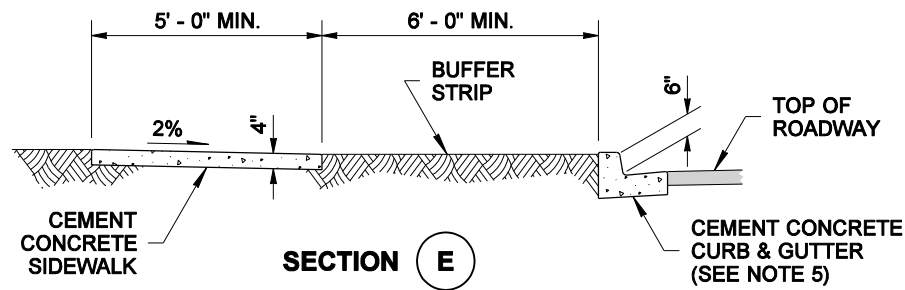


Washington State Department of Transportation

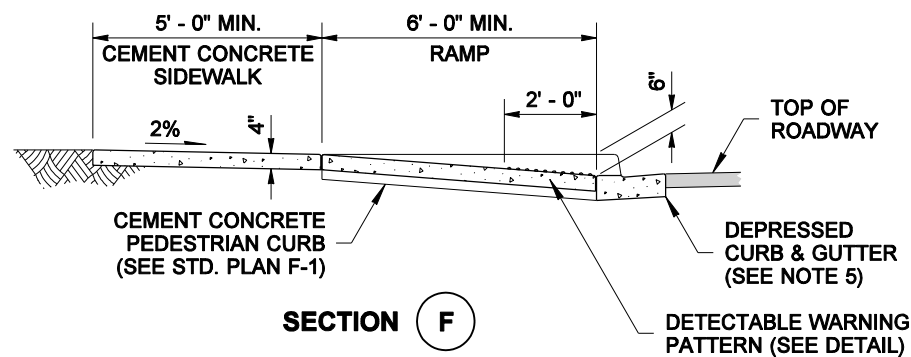
DRAWN BY: MARK SUJKA



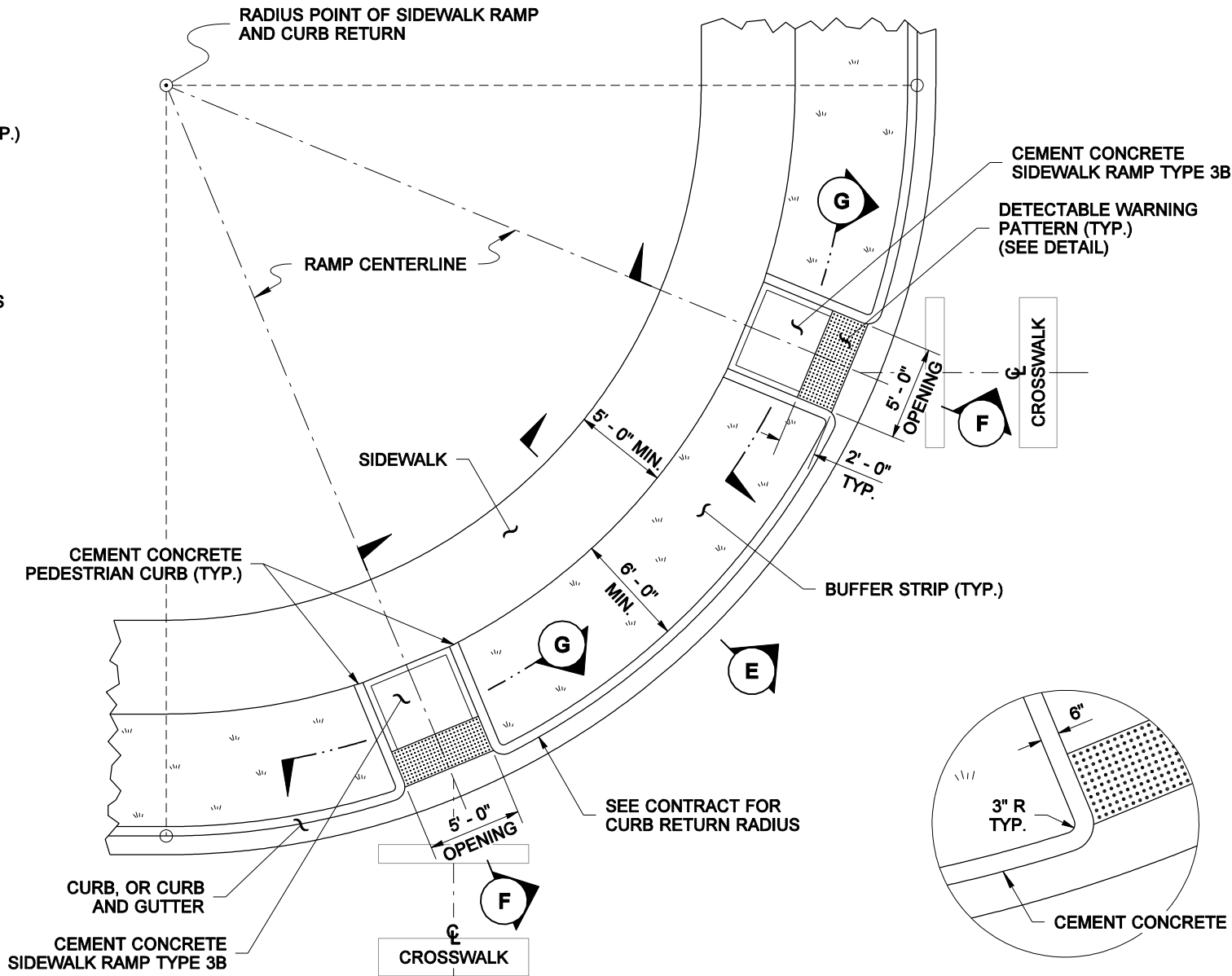
PLAN VIEW  
SIDEWALK RAMP TYPE 3B  
LAYOUT 3



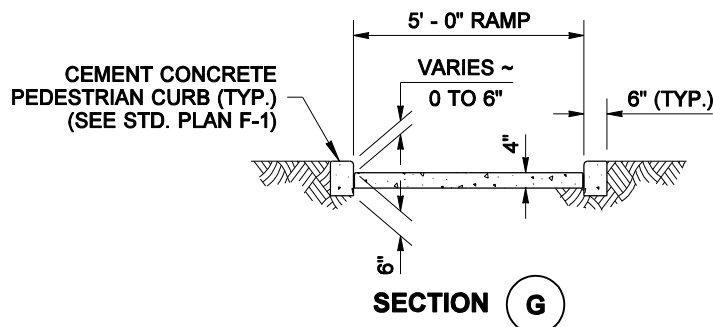
SECTION E



SECTION F

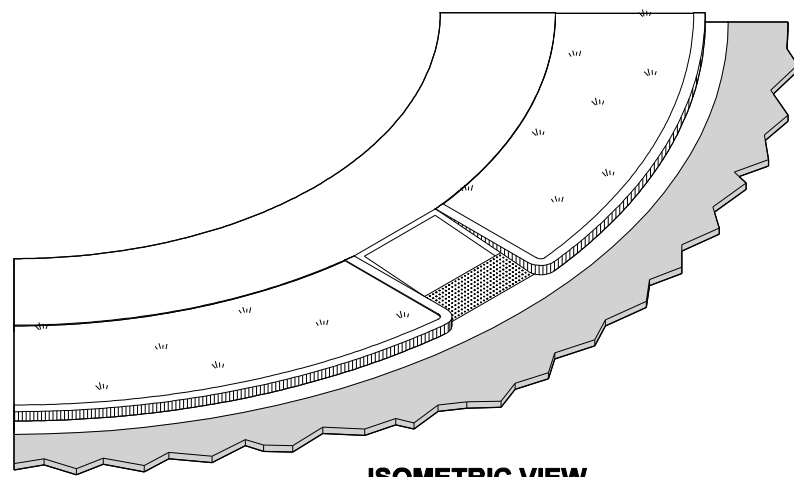


PLAN VIEW  
SIDEWALK RAMP TYPE 3B  
LAYOUT 4



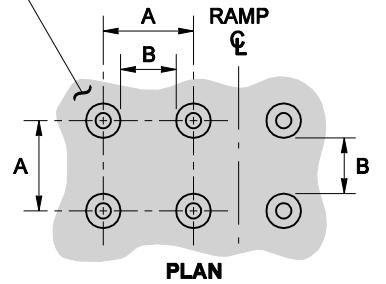
SECTION G

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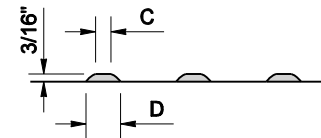
ISOMETRIC VIEW

DETECTABLE WARNING PATTERN AREA SHALL BE YELLOW, IN COMPLIANCE WITH STD. SPEC. 8-14.3(3)



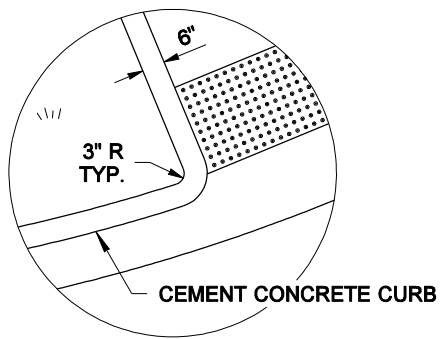
PLAN

	MIN.	MAX.
A	1 5/8"	2 3/8"
B	5/8"	1 1/2"
C	7/16"	3/4"
D	7/8"	1 7/16"



ELEVATION

TRUNCATED DOMES (SEE NOTE 7)  
DETECTABLE WARNING  
PATTERN DETAIL



CURB RADIUS DETAIL



**SIDEWALK RAMP  
TYPES 3A & 3B  
WITH LAYOUTS  
STANDARD PLAN F-3c**

SHEET 2 OF 2 SHEETS

APPROVED FOR PUBLICATION

**Harold J. Peterfeso** 02-09-05

STATE DESIGN ENGINEER

DATE



Washington State Department of Transportation